### PATENT COOPERATION TREATY

## **PCT**

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agen	it's file reference	FOR FURTHER		see Form PCT/ISA/220
P 03/116-bz	/gs	ACTION	as well	as, where applicable, item 5 below.
nternational applic	ation No.	International filing date (day/mon	th/year)	(Earliest) Priority Date (day/month/year)
PCT/EP2004/	006887	25/06/2004	1	26/06/2003
Applicant		,,		
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		n prepared by this International Sea ansmitted to the international Burea		nority and is transmitted to the applicant
•		of a total ofs		
		a copy of each prior art document		renort
<u> </u>	is also accompanied by	a copy of each prior art document	Cited III UII3	Tapore
1. Basis of the				
		international search was carried ou less otherwise indicated under this		als of the International application in the
г	The international	search was carried out on the basi	s of a transl	ation of the International application furnished to
L	this Authority (Ru			
b. 🗓 V	Vith regard to any nucle	otide and/or amino acid sequenc	e disclosed	in the international application, see Box No. i.
2. 🗆 0	Cartain alalme ware fou	ind unsearchable (See Box II).		
٠ L	ertanii Cianno Were icu	ila diisearchable (Gee Dox II).		
3. 🔲 L	Juity of invention is lac	king (see Box III).		
4. With regard I		ubmitted by the applicant.		
=		shed by this Authority to read as fol	lows:	
5. With regard to	to the abstract,			•
X t	he text is approved as s	ubmitted by the applicant.		
				ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.
	nay, within one month in	and the date of maining of the line in	auona soar	correport, admin comments to this Admonty.
6. With regard	to the drawings,			
a. the figure	of the drawings to be	published with the abstract is Figure	e No	· · ·
[	as suggested by	the applicant.		
[		is Authority, because the applicant		-
[	as selected by th	is Authority, because this figure be	tter characte	erizes the invention.
ь. [X] г		e published with the abstract.		

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### INTERNATIONAL SEARCH REPORT

International application No.	
PCT/EP2004/006887	

Вох	No. i	Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)
1.	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed nition, the international search was carried out on the basis of:
	a.	type of material  X a sequence listing table(s) related to the sequence listing
	b.	format of material  X in written format  X in computer readable form
	C.	time of filing/furnishing  contained in the international application as filed  filed together with the international application in computer readable form  turnished subsequently to this Authority for the purpose of search
2.	Х	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filled or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filled or does not go beyond the application as filled, as appropriate, were turnished.
3.	Addi	litional comments:

According to Internetional Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 03/104263 A (POWER SCOTT D ; GENENCOR INT (US); HARDING FIONA A (US)) 18 December 2003 (2003-12-18) the whole document	1-4
A	WO 02/068469 A (MERCK PATENT GMBH ; CARTER GRAHAM (GB); CARR FRANCIS J (GB)) 6 September 2002 (2002-09-06)	1-11
X	page 11, lines 30-32; table 1 page 12, line 6; table 1	12-15 12-15
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Petent family members are listed in annex.

Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another claimton or other special reason (as specified)
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- 'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of mailing of the international search report

7 January 2005 02/02/2005

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### INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/006887

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/EP2004/006887
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PARK HEUNGROK ET AL: "Identification of functionally important residues of human thrombopoletin" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 273, no. 1, 2 January 1998 (1998-01-02), pages 256-261, XP002312523 ISSN: 0021-9258 abstract; figure 1	1-15
A	PEARCE KENNETH H JR ET AL: "Mutational analysis of thrombopoietin for identification of receptor and neutralizing antibody sites" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 272, no. 33, 1997, pages 20595-20602, XP002312524 ISSN: 0021-9258 abstract; table 1	1-5
А	JAGERSCHMIDT ALEXANDRE ET AL: "Human thrombopoietin structure-function relationships: Identification of functionally important residues" BIOCHEMICAL JOURNAL, vol. 333, no. 3, 1 August 1998 (1998-08-01), pages 729-734, XP002234914 ISSN: 0264-6021 abstract; table 1	1-5
А	HOU JINZHAO ET AL: "Expression of active thrombopoletin and identification of its key residues responsible for receptor binding" CYTOKINE, vol. 10, no. 5, May 1998 (1998-05), pages 319-330, XP002312526 ISSN: 1043-4666 abstract	1-15

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information on patent family members

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